

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Bureau of Air Quality
Clean Air Interstate Rule (CAIR)

The main areas of flexibility for CAIR are with respect to the allocation of the NO_x ozone season and NO_x annual budgets.

The following is a synopsis of the major differences between the federal CAIR and South Carolina's proposed rule:

1. **Timing of NO_x Allocations:** The Department has revised the allocation period to a four-year cycle.
2. **Calculating the NO_x Allowance Allocation Base-line:** The Department has revised the proposed language to include a reallocation period every four years, using the highest annual heat input during the four-year period, to coincide with the change in timing of allocations.

A four-year allocation schedule is below.

Date Allocations Submitted to EPA	Control Periods	Heat Input Data Years
October 2006	2009, 2010, 2011, 2012	2002, 2003, 2004, 2005
October 2009	2013, 2014, 2015, 2016	2005, 2006, 2007, 2008
October 2013	2017, 2018, 2019, 2020	2009, 2010, 2011, 2012
October 2017	2021, 2022, 2023, 2024	2013, 2014, 2015, 2016

3. **Fuel-neutral Allocation System:** The Department has proposed a modified rule that adjusts a facility's allowances based on fuel type. Instead of a three-tier adjustment, only two tiers would be utilized. An adjustment factor of 1.0 would be used for all coal-fired units, and an adjustment factor of 0.6 would be used for all other units.
4. **New and Existing Sources for Determining Baseline Heat Input:** The Department has proposed a system based upon using heat input to determine allowance allocations for all sources, existing and new. Existing sources will be any unit commencing operation before January 1, 2005.
5. **NO_x New Source Set-Aside:** The Department has proposed a new source set-aside of three percent annually, starting in 2009.
6. **Treatment of NO_x SIP Call Non-EGUs:** The Department has proposed including non-EGUs in the CAIR NO_x Budget Program. Allowances for the non-EGUs will be included in the NO_x budget.
7. **Opt-In for non-EGUs:** The Department supports opt-in provisions and believes South Carolina should allow these provisions in their regulation.